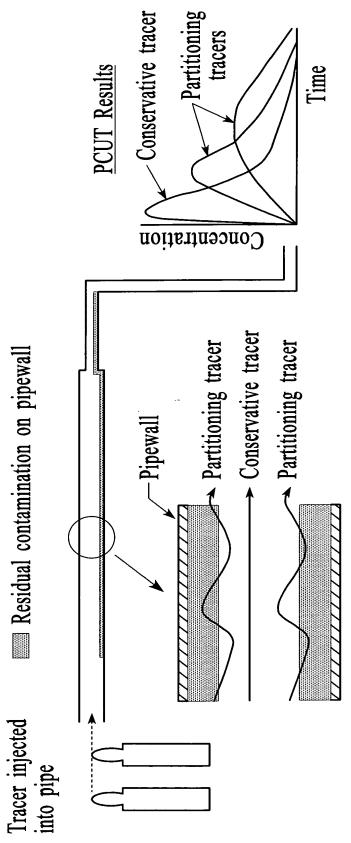


Residual contamination on pipewall



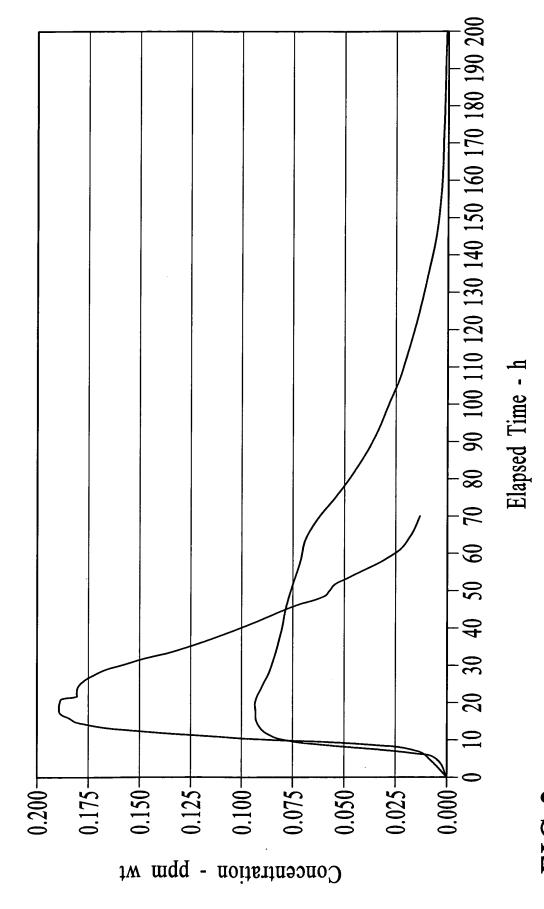
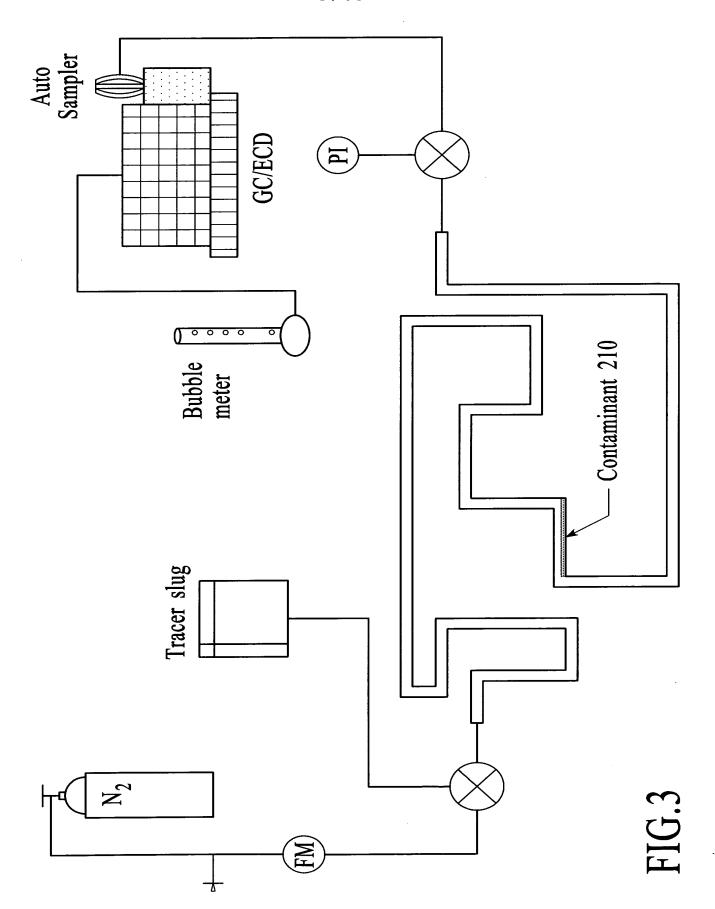
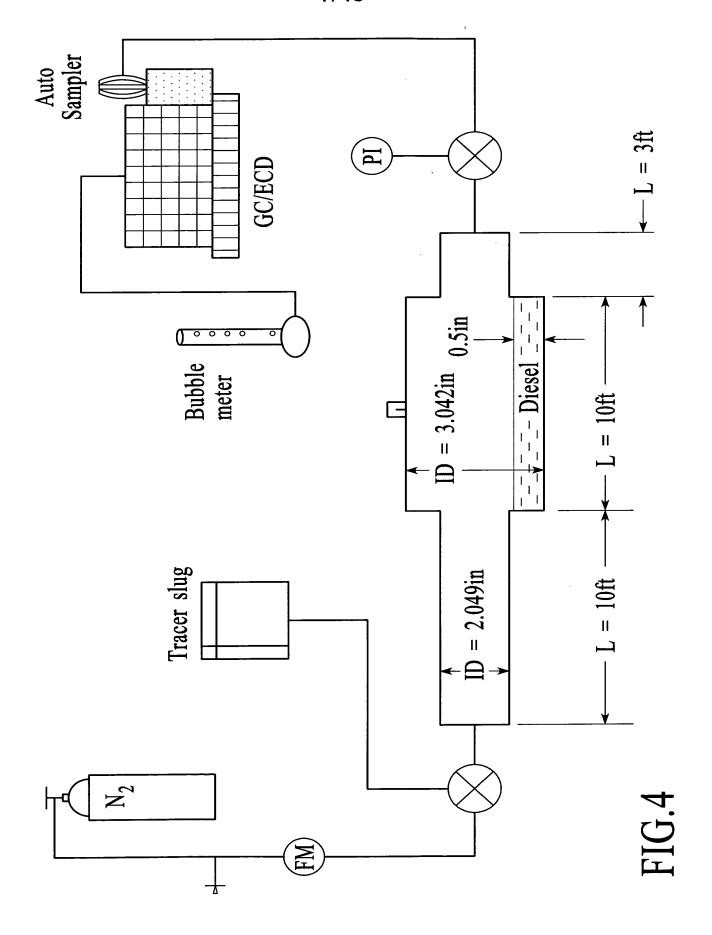


FIG.2





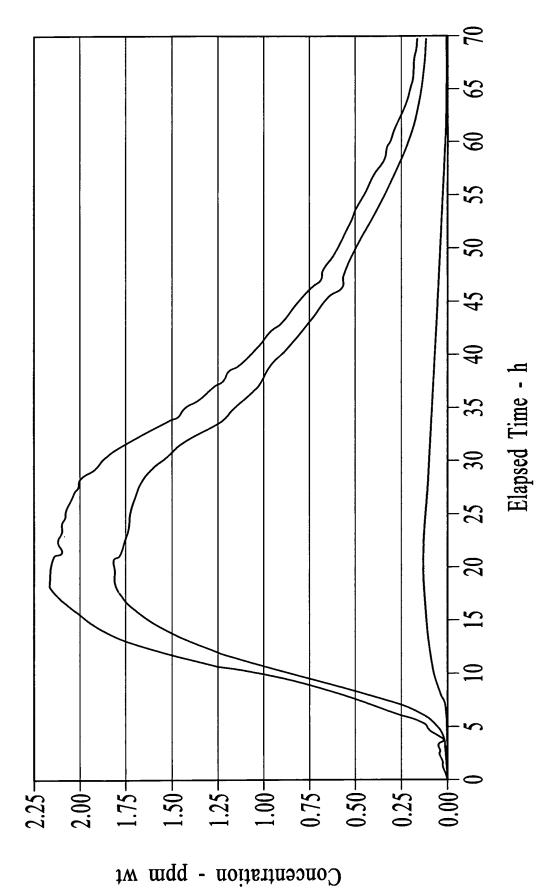


FIG.5

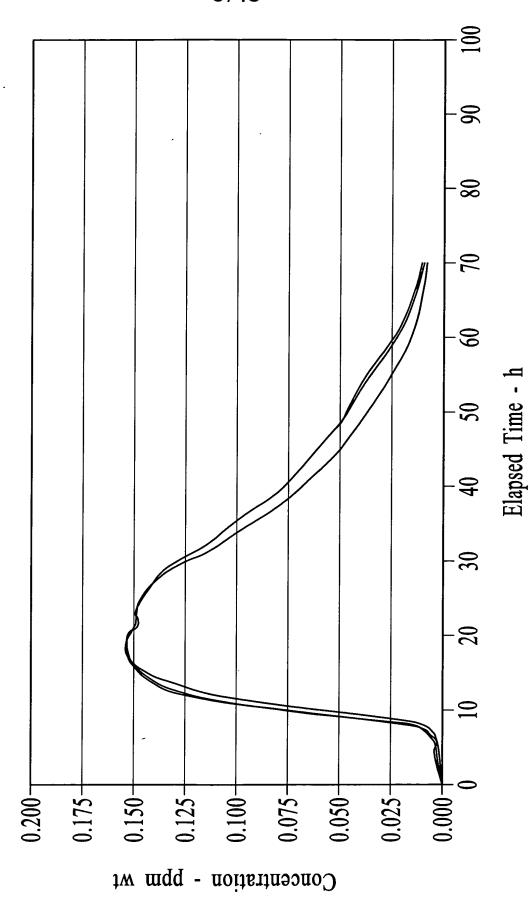


FIG.6

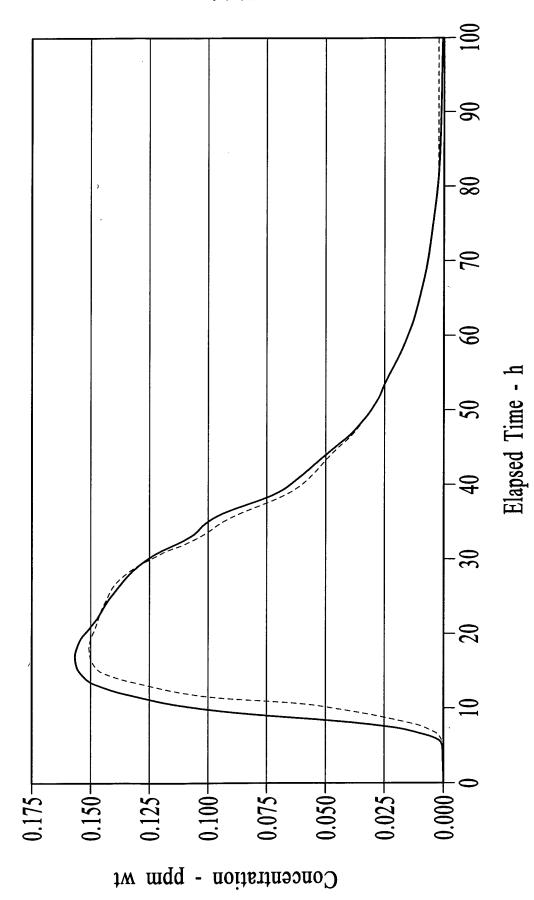
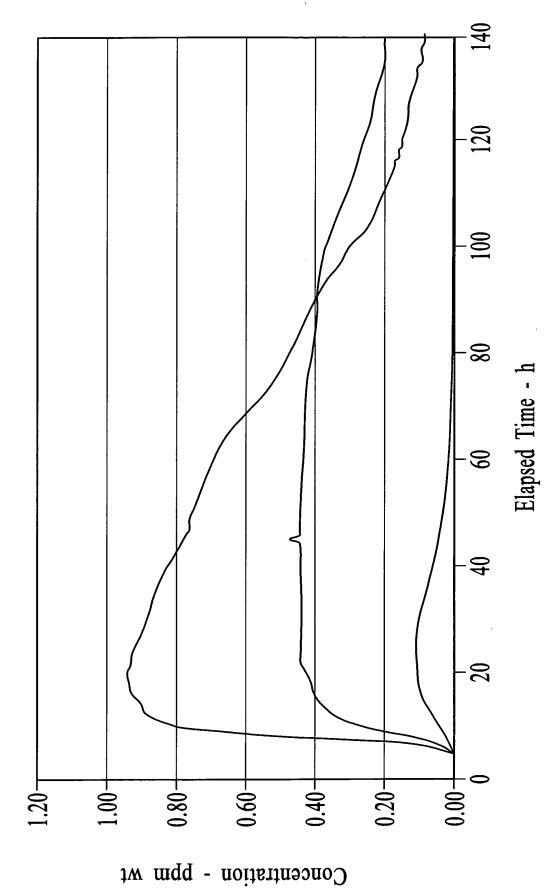


FIG.



 ${
m FIG.8}$ 

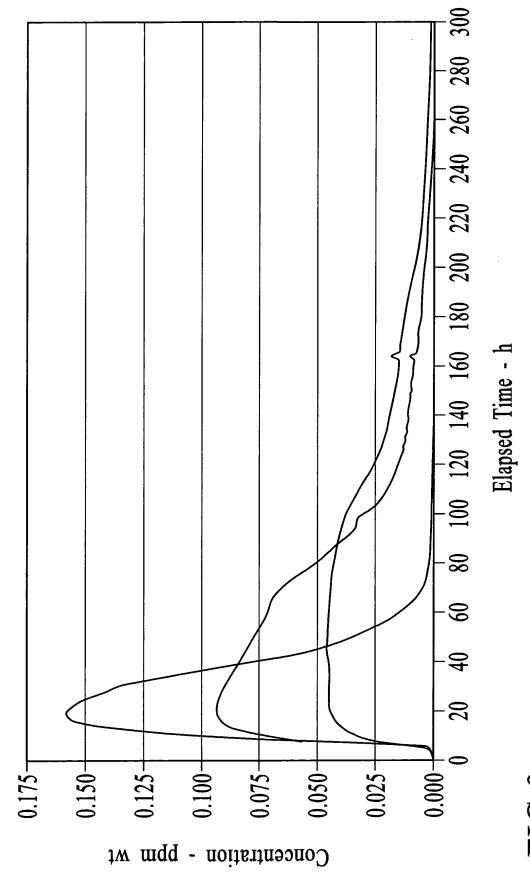


FIG.9

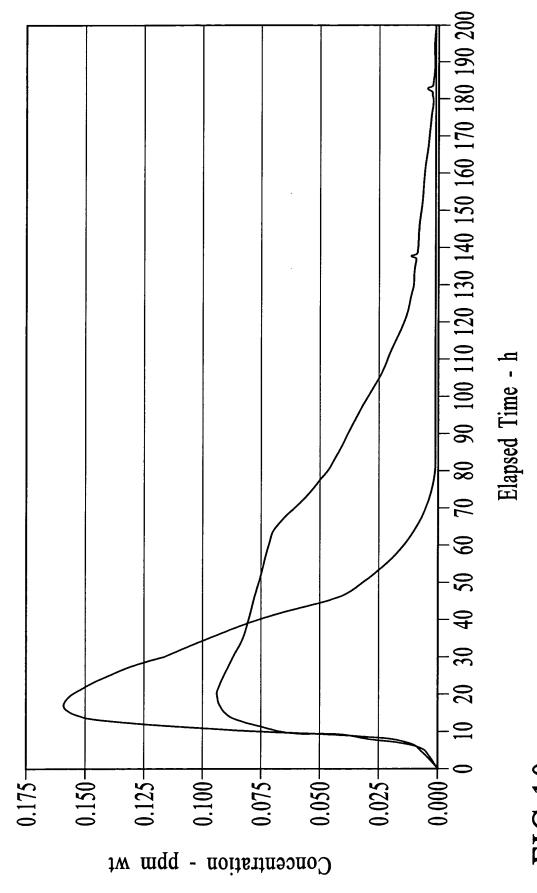
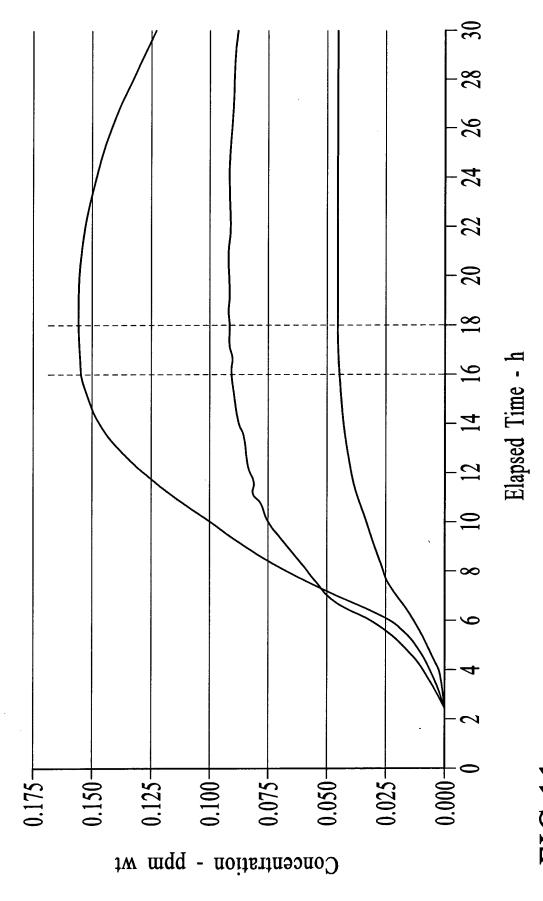


FIG. 10



F[G.]]

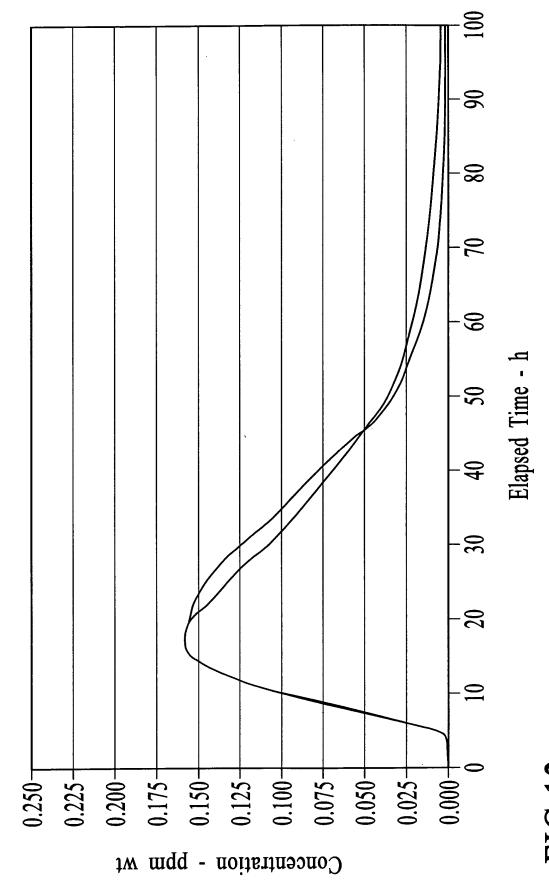


FIG.12

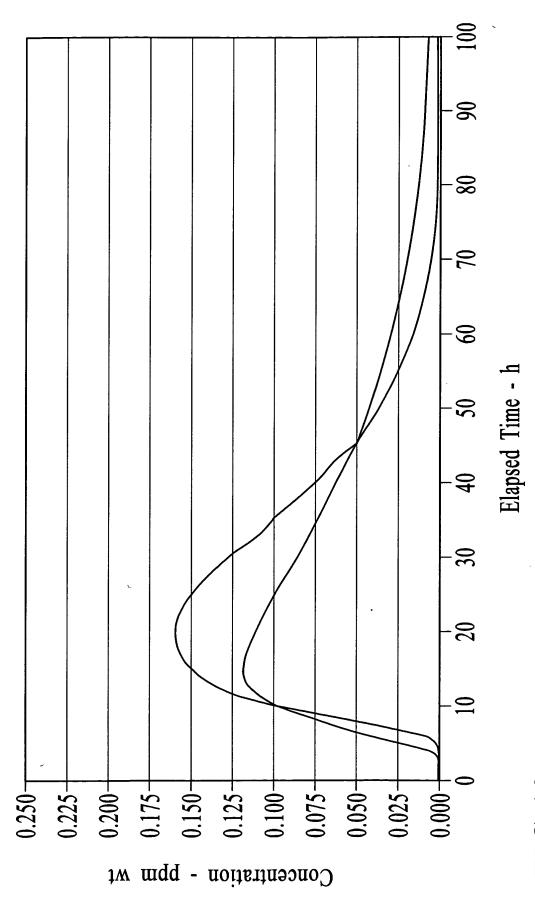


FIG.13

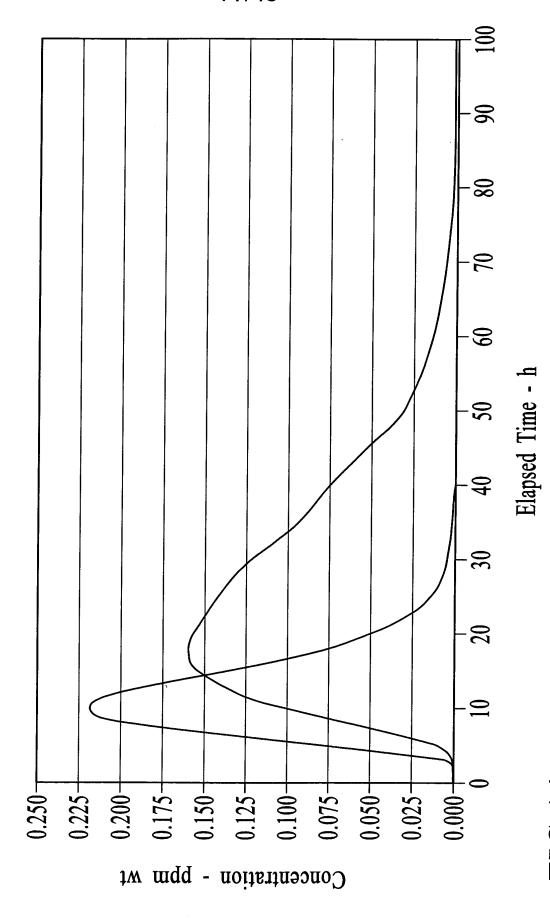


FIG.14

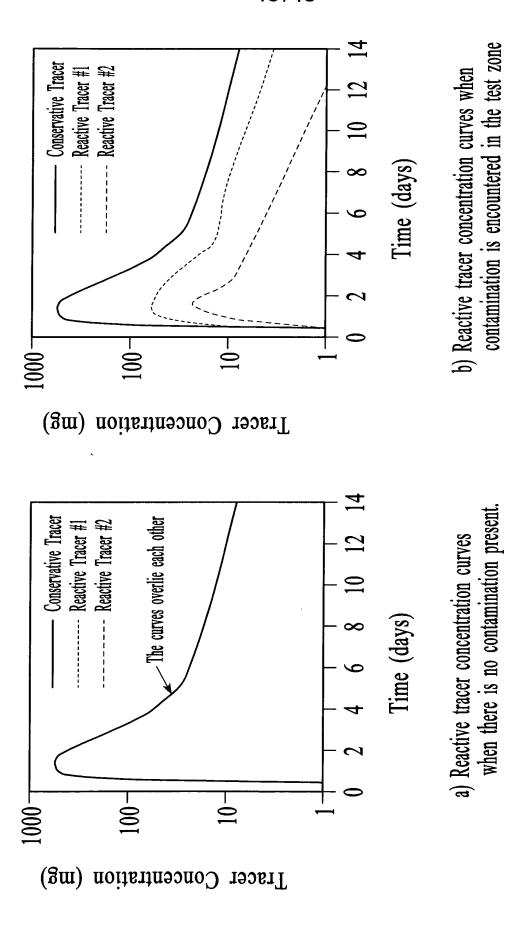


FIG.15